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**(54) SEALANT COMPOSITION FOR LIQUID CRYSTAL DISPLAY ELEMENT AND PRODUCTION PROCESS OF LIQUID CRYSTAL DISPLAY ELEMENT****(57)Abstract:**

**PROBLEM TO BE SOLVED:** To provide a sealant composition for liquid crystal display elements which is excellent in adhesion to a nematic liquid crystal surface, can shorten the production process by thermally curing the composition simultaneously with the sealing of a nematic liquid crystal, and gives a liquid crystal cell which is rich in reliability of adhesion to a cell-constituting substrate, can exhibit a homogenous liquid crystal display function, and is excellent in long-time (longer than 1,000 h) seal reliability and durability of liquid crystal display function under high-humidity high-temperature conditions of 60° C/saturated humidity of 95%.

**SOLUTION:** This sealant composition comprises (1) 20-83.99 mass% epoxy resin, (2) 10-35 mass% latent epoxy-curing agent, (3) 5-50 mass% inorganic filler, (4) 1-20 mass% fine hydrophilic polymer particles having a solubility parameter (SP value) of 11.1-15 (cal/cm<sup>3</sup>)<sup>1/2</sup>, and 0.01-5 mass% cure accelerator.

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